

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1. (Currently Amended): A smart card for providing a user with access to a smart card based Internet application in the absence of a conventional reader for a smart card, said smart card having a memory with information stored therein that comprises:

a first set of information that is ~~dedicated to the functionality of a~~ enables a telecommunications device, with ~~for~~ which said smart card is ~~adapted~~ designed to be used, to establish a connection with a telecommunications network, and

an applet ~~additional information~~ that enables said device to ~~establish~~ conduct an Internet session with the Internet accessible application once said connection is established, and that functions as an interface to said application.

Claim 2. (Currently Amended): The apparatus of claim 1 wherein said ~~additional information includes an applet that is a client component of said~~ application.

Claim 3. (Currently Amended): The apparatus of claim 1 wherein said device is a portable wireless telecommunications device.

Claim 4. (Currently Amended): The apparatus of claim 3 wherein said smart card is a subscriber identification module that authenticates a user to said network.

Claim 5. (Currently Amended): The apparatus of claim 3 wherein said ~~additional information further~~ applet includes an over-the-air application for transmitting information to the Internet application for use in ~~establishing~~ conducting said session.

Claim 6. (Original): A system for providing users with access to smart card based Internet applications, comprising:

a server executing at least one user application that utilizes information stored on a smart card;

a first connection associated with said server that provides said application with access to the information stored in a first smart card by means of the Internet; and

a second connection associated with said server that provides said application with access to a device on a telecommunications network that contains a second smart card.

Claim 7. (Original): The system of claim 6 wherein said first smart card that is accessed via the Internet is an ISO-compliant smart card.

Claim 8. (Original): The system of claim 6 wherein the second smart card in said device is a subscriber identification module.

Claim 9. (Original): The system of claim 8 wherein said device is a mobile telephone.

Claim 10. (Original): The system of claim 6 further including means for synchronizing changes made on either of said first and second smart cards during a session with the other of said smart cards during a subsequent session using said other smart card.

Claim 11. (Original): The system of claim 10 further including means associated with said server for temporarily storing changes made on one of said smart cards during a given session for download to the other of said smart cards during a subsequent session.

Claim 12. (Original): The system of claim 11 further including means associated with said server for detecting whether a given session with said application is being conducted with the first smart card or the second smart card.

Claim 13. (Original): The system of claim 12 wherein the download of said stored changes is carried out automatically upon detecting that a session is being conducted with said other smart card.

Claim 14. (Original): The system of claim 12 further including means for enabling a user to select whether the download of said stored changes is to be carried out upon detecting that a session is being conducted with said other smart card.

Claim 15. (Original): The system of claim 6 wherein said second connection includes a gateway that translates messages appropriate to said telecommunications network into commands and responses for said application, and vice versa.

Claim 16. (Currently Amended): A system for providing a user with access to a smart card based Internet application in the absence of a conventional reader for a smart card, comprising:

a smart card containing a first set of information that ~~is dedicated to the functionality of a~~ enables a telecommunication device ~~with which said smart card is adapted to be used~~ to establish a connection with a telecommunications network, and ~~additional information~~ an applet stored on said smart card that enables said device to ~~establish~~ conduct an Internet session with the Internet application via said connection, and that functions as an interface to said application; and

a gateway that establishes a virtual link between the device and the Internet application, and that translates messages exchanged between the device and the application.

Claim 17. (Currently Amended): The system of claim 16 wherein said device is a portable wireless telecommunications device.

Claim 18. (Currently Amended): The system of claim 17 wherein said smart card is a subscriber identification module that authenticates a user to said network.

Claim 19. (Currently Amended): The system of claim 17 wherein said smart card further includes an over-the-air application for transmitting information to the Internet application for use in ~~establishing~~ conducting said session.

Claim 20. (Currently Amended): A method for providing a user with access to a smart card based Internet application in the absence of a conventional reader for a smart card, comprising the following steps:

storing a first set of information on a smart card that ~~is dedicated to the functionality of a~~ enables a telecommunications device, with which said smart card is ~~adapted to be used,~~ to establish a connection with a telecommunications network; and

storing ~~additional information~~ an applet on said smart card that enables said device to ~~establish~~ conduct an Internet session with the Internet application once said connection is established, and that functions as an interface to said application.

Claim 21. (Currently Amended): The method of claim 20 wherein said ~~additional information includes an applet that~~ is a client component of said application.

Claim 22. (Currently Amended): The method of claim 21 wherein said device is a portable wireless telecommunications device.

Claim 23. (Currently Amended): The method of claim 22 wherein said smart card is a subscriber identification module that authenticates a user to said network.

Claim 24. (Currently Amended): The method of claim 22 further including the step of storing on said smart card an over-the-air application for transmitting information to the Internet application for use in ~~establishing~~ conducting said session.

Claim 25. (Original): A method for providing users with access to smart card based Internet applications, comprising:

executing on a server at least one user application that utilizes information stored on a smart card;

establishing a first session with said server by means of the Internet to provide said application with access to the information stored in a first smart card;
and

establishing a second session with said server by means of a telecommunications network to provide said application with access to a device on said telecommunications network that contains a second smart card.

Claim 26. (Original): The method of claim 25 wherein said first smart card that is accessed via the Internet is an ISO-compliant smart card.

Claim 27. (Original): The method of claim 25 wherein the second smart card in said device is a subscriber identification module.

Claim 28. (Original): The method of claim 27 wherein said device is a mobile telephone.

Claim 29. (Original): The method of claim 25 further including the step of synchronizing changes made on either of said first and second smart cards during a session with the other of said smart cards during a subsequent session using said other smart card.

Claim 30. (Original): The method of claim 29 further including the step of temporarily storing changes made on one of said smart cards during a given session for download to the other of said smart cards during a subsequent session.

Claim 31. (Original): The method of claim 30 further including the step of detecting whether a given session with said application is being conducted with the first smart card or the second smart card.

Claim 32. (Original): The method of claim 31 wherein the download of said stored changes is carried out automatically upon detecting that a session is being conducted with said other smart card.

Claim 33. (Original): The method of claim 31 further including the step of enabling a user to select whether the download of said stored changes is to be carried out, in response to detecting that a session is being conducted with said other smart card.